

What is claimed is:

1. A plasma display panel comprising:

transparent ITO electrodes which are spaced in parallel to each other at a

5 predetermined distance within a discharge cell;

metal electrodes which are formed on said transparent ITO electrodes and in parallel to said transparent ITO electrodes so that are positioned in the direction of opposite sides of said transparent ITO electrodes, respectively.

2. The plasma display panel of claim 1, wherein

10 said metal electrodes satisfy:

$d_2 < d_1/2$

wherein d_1 represents distance from a central portion of said transparent ITO electrode to a central portion of said discharge cell, d_2 represents distance from a central portion of said metal electrode to a central portion of said discharge 15 cell.

3. The plasma display panel of claim 1, wherein

said metal electrodes are formed in the direction of a middle of vertical direction of said transparent ITO electrodes from the opposite sides of said transparent ITO electrodes, respectively.

20 4. The plasma display panel of claim 1, wherein

a part of said metal electrodes is formed on the opposite sides of said transparent ITO electrodes.

5. A plasma display panel comprising:

transparent ITO electrodes which are spaced in parallel to each other at a predetermined distance within a discharge cell and are patterned so that a part of said transparent ITO electrodes is different in width, respectively; and

metal electrodes which are formed on said transparent ITO electrodes and in

5 parallel to said transparent ITO electrodes so that are positioned in the direction of opposite sides of said transparent ITO electrodes, respectively.

6. The plasma display panel of claim 5, wherein

said patterns are formed at both edges of the outside sides of said transparent ITO electrodes.

10 7. The plasma display panel of claim 6, wherein

said patterns are polygonal shape.

8. The plasma display panel of claim 5, wherein

said metal electrodes satisfy:

$$d2 < d1/2$$

15 wherein d1 represents distance from a central portion of said transparent ITO electrode to a central portion of said discharge cell, d2 represents distance from a central portion of said metal electrode to a central portion of said discharge cell.

9. The plasma display panel of claim 5, wherein

20 said metal electrodes which are spaced in parallel to each other at a predetermined distance from the opposite sides of said transparent ITO electrodes, respectively.

10. The plasma display panel of claim 6, wherein

said patterns are quadrangular shape.

11. The plasma display panel of claim 10, wherein
said transparent ITO electrodes patterned in quadrangle satisfy:
 $0.2 \times W1 < W2 < 0.8 \times W1, 0.2 \times d3 < d4 < 0.8 \times d3$
wherein W1 represents a horizontal length of the discharge cell, W2
5 represents a horizontal length of patterning portion of the transparent ITO
electrodes, d3 represents a height of the transparent ITO electrodes, d4 represents
a height of patterning portion of the transparent ITO electrodes.

12. The plasma display panel of claim 6, wherein

said patterns are triangular shape.

10 13. The plasma display panel of claim 6, wherein
said patterns are trapezoidal shape.

14. A plasma display panel comprising:

transparent ITO electrodes which are spaced in parallel to each other at a
predetermined distance within a discharge cell;

15 metal electrodes which are formed on said transparent ITO electrodes and in
parallel to said transparent ITO electrodes so that are positioned in the direction of
opposite sides of said transparent ITO electrodes, respectively; and
projecting metal electrodes which are jutted from said metal electrodes,
respectively.

20 15. The plasma display panel of claim 14, wherein
said metal electrodes satisfy:

$$D < H/4$$

wherein H represents a length of discharge cell, D represents a distance between a central portion of the metal electrode and a central portion of the discharge cell.

16. The plasma display panel of claim 14, wherein

5 said projecting metal electrodes are jutted from a middle portion of said metal electrodes, respectively.

17. The plasma display panel of claim 15, wherein

 further comprising auxiliary metal electrodes formed at a tip of said projecting metal electrodes and formed in parallel to said metal electrodes,
10 respectively.

18. The plasma display panel of claim 17, wherein

 lengths of said auxiliary metal electrodes are shorter than said metal electrodes.

19. The plasma display panel of claim 15, wherein

15 further comprising auxiliary metal electrodes crossed at a middle portion of said projecting metal electrodes and formed in parallel to said metal electrodes,
 respectively.

20. The plasma display panel of claim 19, wherein

 lengths of said auxiliary metal electrodes are shorter than said metal
20 electrodes.

21. The plasma display panel of claim 15, wherein

 a first auxiliary metal electrodes formed at a tip of said projecting metal
 electrodes and formed in parallel to said metal electrodes, respectively; and

a second auxiliary metal electrodes crossed at a middle portion of said projecting metal electrodes and formed in parallel to said metal electrodes, respectively.

22. The plasma display panel of claim 21, wherein

5 lengths of said first and second auxiliary metal electrodes are shorter than said metal electrodes.